

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inv ntor(s): Daniel A Kearn et al

C nfirmati on No.:

Application No.:

Examiner:

Filing Date: Herewith

Group Art Unit:

Title: FUEL CELL WITH INTEGRAL MANIFOLD

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

(X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

() under 37 CFR 1.97 (c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

() under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e)(1) or (2), and
() a \$180.00 fee set forth in 37 CFR 1.17(p).
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Please charge to Deposit Account 08-2025 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

(X) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
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Typed Name: Timothy F. Myers

Signature: Timothy F. Myers

Respectfully submitted,

Daniel A Kearn et al

By Timothy F. Myers

Timothy F. Myers

Attorney/Agent for Applicant(s)
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Date: 7/28/03

Telephone No.: (541) 715-4197

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Sheet

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of

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Application Number	
Filing Date	
First Named Inventor	KEARL, Daniel A.
Art Unit	
Examiner Name	
Attorney Docket Number	10019358

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
US-	20030039874-A1		02-27-2003	Jankowski et al.	
US-	20030031913-A1		02-13-2003	Pavlo et al.	
US-	20030000344-A1		01-02-2003	Keegan	
US-	6,497,975-B2		12-24-2002	Bostaph et al.	
US-	20020150804-A1		10-17-2002	Srinivasan et al	
US-	20020132156-A1		09-19-2002	Ruhl et al.	
US-	20020076598-A1		06-20-2002	Bostaph et al.	
US-	6,387,559-B1		05-14-2002	Koripella et al.	
US-	6,361,892-B1		03-26-2002	Ruhl et al.	
US-	20020020053-A1		02-21-2002	Fonash et al.	
US-	20020012825-A1		01-31-2002	Sasahara et al.	
US-	20020006539-A1		01-17-2002	Kubota et al.	
US-	6,312,846-B1		11-06-2001	Marsh	
US-	5,589,285-B		12-31-1996	Cable et al.	
US-	5,445,903-B		08-29-1995	Cable et al.	
US-					

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document! Country Code ³ *Number-Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1*
		EP-0810684-A2	12-03-199	Ishikawajima-Ha		

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2

Application Number

Filing Date

First Named Inventor

Art Unit

Examiner Name

KEARL, Daniel A.

10019358

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
		M. MUELLER et al., Microsystem Technologies, v. 9 (2003), pp. 159-162	/	
		D. BHUSARI et al., J. Microelectromech. Systems, v. 10(3) (Sept. 2001), pp. 400-408	/	
		P. A. KOHL et al., IEEE Electron Dev. Letters, V. 21(12) (Dec. 2000), pp. 557-559	/	
		H. G. CRAIGHEAD, Science V. 290, (2000), pp. 1532-1535	/	
		M. J. DE BOER et al., J. Microelectromechanical Systems, V. 9 (1), March 2000, pp. 94-103	/	
		P. A. KOHL et al., Electrochemical and Solid-State Letters, V. 1(1) (1998), pp. 49-51	/	
		S. W. TURNER et al., Proc. SPIE, Vol.3258 (1998), pp.114-121		
		M. B. STERN et al., J. Vac. Sci. Technol. B, Vol. 15(6) (1997), pp. 2887-2891		

Examiner Signature	Date Considered
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